

10/583852

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number  
**WO 2005/062864 A2**

(51) International Patent Classification: Not classified

(21) International Application Number:  
PCT/US2004/042993

(22) International Filing Date:  
22 December 2004 (22.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/530,893 22 December 2003 (22.12.2003) US

(71) Applicant (for all designated States except US): **REGEN-  
ERX BIOPHARMACEUTICALS, INC.** [US/US]; 3  
Bethesda Metro Center, Suite 700, Bethesda, MD 20814  
(US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **GOLDSTEIN, Allan,  
L.** [US/US]; 800 25th Street, N.W., Apartment 1005, Wash-  
ington, DC 20037 (US).

(74) Agents: **REPPER, George, R.** et al.: 1425 K Street, N.W.,  
Suite 800, Washington, DC 20005 (US).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished  
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF TREATING OR PREVENTING BIOLOGICAL OR IMMUNOLOGICAL RESPONSES TO A REAC-  
TIVE CHEMICAL OR BIOLOGICAL OR TOXIC AGENT

(57) **Abstract:** A method of treatment for treating, preventing, inhibiting or reducing a biological or immunological response to a reactive chemical agent, biological agent or toxin, by tissue of a subject, includes administering to a subject in need of such treatment an effective amount of a composition including a response-inhibiting agent including amino acid sequence LKKTET, a conservative variant thereof, or an agent that stimulates production of an LKKTET peptide, or a conservative variant thereof, in the tissue, so as to inhibit the response.

WO 2005/062864 A2